

Name \_\_\_\_\_

## Physical vs Chemical Changes

A. Classify the following as a **physical change** or **chemical change**:

- |                                  |                                      |
|----------------------------------|--------------------------------------|
| 1. Melting ice cream _____       | 9. Freezing a popsicle _____         |
| 2. Burning wood _____            | 10. Digesting food _____             |
| 3. Breaking a glass bottle _____ | 11. Cooking an egg _____             |
| 4. Painting wood _____           | 12. Crushing a can _____             |
| 5. Baking a cake _____           | 13. Crumpling a sheet of paper _____ |
| 6. Burning propane _____         | 14. Boiling water _____              |
| 7. Cutting string _____          | 15. Explosion of fireworks _____     |
| 8. Rusting metal _____           | 16. Spoiling/rotting food _____      |

B. Use the equation for photosynthesis below to classify the following as a **reactant** or **product**:

Light + water + carbon dioxide → glucose + oxygen

17. Oxygen \_\_\_\_\_
18. Carbon dioxide \_\_\_\_\_
19. Water \_\_\_\_\_
20. Glucose \_\_\_\_\_